

TÜV Rheinland Malaysia Sdn. Bhd.



Test Report

according to:

Customer Specific Requirement

and

JIS K 5400

Testing Method for Paints

for:

Coating Panel Plate

TÜV Rheinland Malaysia Sdn. Bhd.
No.27, Jalan Para U8/103
Metropolitan Business Park
Seksyen U8, Bukit Jelutong
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1. Applicant Details and Scope of Application

Applicant : **Ominent Sdn Bhd**
 6, Metropolitan Business Park, Jalan Para U8/103 Bukit
 Jelutong, 40150 Shah Alam, Selangor, Malaysia.

Applicants Representative : **Mr. Keong Chun Chieh**

Order Number : **1078 (Date: 20.12.2017)**

Confirmation Order Number : **1173008187**

Locations of System evaluation : **TUV RHEINLAND MALAYSIA SDN. BHD.**
 No.27, Jalan Para U8/103, Metropolitan Business Park, Seksyen
 U8, Bukit Jelutong, 40150 Shah Alam, Selangor, Malaysia.

Scope of Application : **Alkaline Resistance**

Test Sample : **Coating Panel Plate**

Part Identification : **Ecocoat Kenzo**

Delivery Condition : **Samples tested as received**

Test Sample Receiving Date : **02/04/2018**

Date of Inspection : **From 05/04/2018 To 06/04/2018**

Standards Applied : **1. Customer Specific Requirement
 (Quotation number 722009515)
 2. JIS K 5400 : 1990**

Environment Temperature / Room Temperature : **23 ± 2°C and 50 ± 5%RH**

Tester / Evaluator : **Nor Ilmi B Hj. Ibrahim**

Participants during testing : **Not Applicable**

Communication Language : **English**

Reported by:

Reviewed by:

06/04/2018
 Date



NOR ILMI B HJ IBRAHIM
 PROJECT ENGINEER
 MOBILITY



MOHD SYAFIQ B HJ MOHD AYOB
 ENGINEERING MANAGER
 MOBILITY



2. Testing Description

No.	Testing Scope	Testing Description
1	Alkaline Resistance	1. Test method is according to section 8.21 under JIS K 5400 standard. 2. Test requirement is according to Customer Specific Requirement.

3. Testing Objectives, Basis and Scope of Assessment

No.	Testing Scope	Testing Objective, Basis and Scope of Assessment
1	Alkaline Resistance	To check for any abnormality after test.

4. Testing Procedure

No.	Testing Scope	Testing Procedure
1	Alkaline Resistance	1. The test was conducted by referring to test parameters below: <ol style="list-style-type: none"> i. Test condition : Room temperature ii. Test sample : Coated steel plate iii. Chemical : Sodium Hydroxide 5% iv. Duration : 24 hours 2. The evaluation was carried out by visually inspecting the test sample surface in term of abnormality (such as coating peeling, crack, discoloration and blistering)

5. Testing Evaluations

No.	Testing Scope	Evaluation	
1	Alkaline Resistance	Sample 1	No abnormality detected.
		Sample 2	No abnormality detected.

6. Testing Summary

No.	Testing Scope	Result
1	Alkaline Resistance	Reported

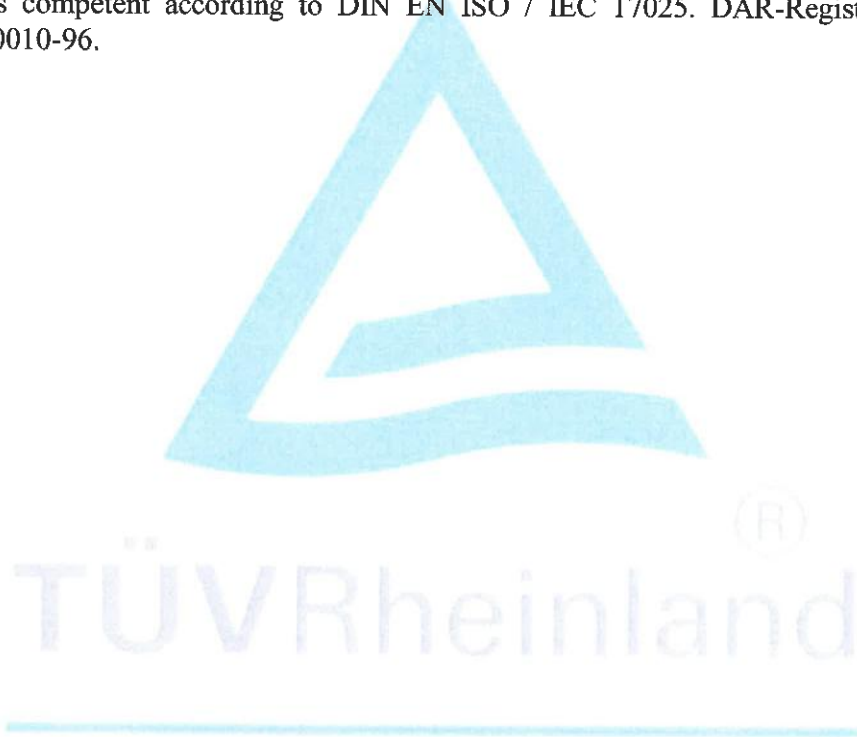


7. Statement of Conformity

This report is CONFIDENTIAL and is the customer property as mention above. TUV Rheinland Malaysia Sdn. Bhd. shall not be responsible for any distribution copies of this report or any implications arise from such distribution.

The results of analysis performed by TUV Rheinland Malaysia Sdn. Bhd. apply to the particular samples at the time of its analysis. They do not indicate or imply that TUV Rheinland Malaysia Sdn. Bhd. approves, recommended or endorses the manufacturers or suppliers or users of products and it shall not be used to imply product certification.

TUV Rheinland Malaysia is listed in the group certification of TÜV Rheinland Kraftfahrt GmbH as competent according to DIN EN ISO / IEC 17025. DAR-Registration-No.: KBA-P00010-96.



8. Appendix: Photographic Documentation

APPENDIX 1: TEST SAMPLE

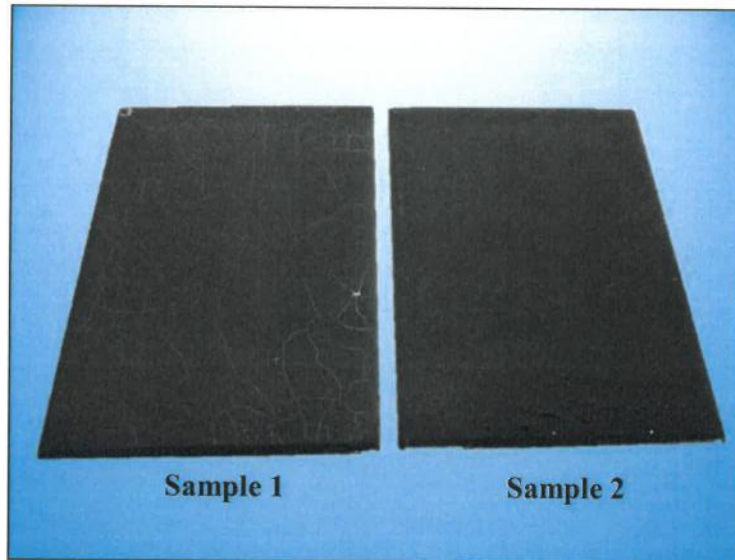


Photo 1: Test sample – Coating Panel Plate (Ecocoat Kenzo)


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APPENDIX 2: ALKALINE RESISTANCE

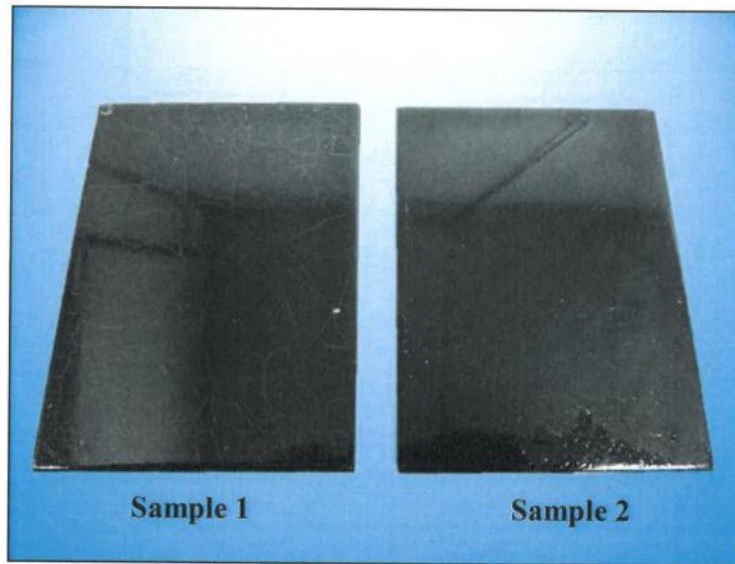


Photo 2: Test sample after test

9. List of Test Measurement / Equipment

No.	Test Measurement / Equipment	Serial / Inventory Number	Next Calibration
1	Not Applicable	Not Applicable	Not Applicable

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--- End of Report ---

